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The Tech News Volume 7, Issue 20, February 8, 1916

The Students of Worcester Polytechnic Institute

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TECH NEWS



VOL. 7

WORCESTER, MASS., FEBRUARY 8, 1916

NO. 20

Relay Race Goes to M. A. C.

Tech Defaults After Ricker Falls

After the success of the week before, the relay team went to the B. A. A. games Saturday with high hopes of returning with new laurels but such was not to be. Dame Fortune took a hand in the affair and through an accident made it necessary for Tech to default to M. A. C.

Cleveland started the race for Tech, running against Babbitt, and when he turned over his baton to Knowlton, was about two yards behind his rival. The latter held his own against Russell, but Green succeeded in gaining 8 yds. on Montgomery, passing over an 8-yd. lead to Ricker.

Things looked rosy for Tech then, but in the second lap Ricker and Mastrom got tangled up and both fell. Both lost their batons: Mastrom's went into the crowd. Mastrom picked up Ricker's baton by mistake. Ricker, not being able to find a baton, went on without one, and finished about 25 yds. in the lead.

The fact that Ricker came in without a baton and that Mastrom came in with Ricker's, led the officials to declare that it was no race.

The teams were offered an opportunity to run the race later but Coach O'Connor decided to default the race rather than have his exhausted charges take chances on the boards again.

Ricker was bruised by his fall but fortunately, not severely.

MEETING OF STUDENT BRANCH, A. S. M. E.

The student branch of the A. S. M. E. held its regular meeting last Friday evening in the Electrical Engineering lecture room. The speaker for the evening was Major L. T. Hillman of the Watertown Arsenal. After being introduced by Dr. Hollis, Major Hillman gave a very interesting illustrated talk on, "Modern Ordnance, its Construction, and Use." The views showed guns of all calibres from all parts of the world, and Major Hillman pointed out those which are being used in the present war in Europe. It was certainly a very rare opportunity to hear a man like Major Hillman speak on a subject in which the engineer is so closely identified at the present time. Major Hillman was formerly connected with the Ordnance department in Washington and his experience in the work makes him well able to speak on the subject. A vote of thanks was extended to Major Hillman for his very instructive and interesting talk.

Short Time to Prepare

Show Rehearsals in Full Swing

Tech Show rehearsals are again in full swing. Twice during the week and all Saturday and Sunday afternoons, Tech's actors and actresses climb the stairs to the third floor of Boynton Hall and there work hard under the able supervision of Coach Carroll.

The cast has been picked, but owing to the fact that Little '16 has left school, Luce '19 has been given the leading feminine role.

This year the cast are working under the disadvantage that the shortest time in the history of Tech's Shows remains before the final production. Coach Carroll is working hard to round the show into shape by the 23d of March, but to do this he must have the complete co-operation of all the cast. Attendance at all rehearsals is absolutely essential to produce a show on a par with those previously given. The show itself is worthy of every effort of the cast as those who have seen it are emphatic in stating that it eclipses "Win" Davis' previous efforts, good as they were. The management has found it impossible to engage an assistant coach so this is an added reason why everyone concerned should omit no effort to make the 1916 Show the best ever.

Under the new constitution the positions of Assistant, Stage, Business and Advertising Managers have been made competitive, and '19 men are eligible for these positions. All candidates should report to Manager Safford.

E. E. DEPARTMENT

Special Electrical Engineering Lectures

On Wednesday, February 9, at 5 p. m., Mr. H. C. Hill of the General Electric Company, will give an illustrated lecture on "Alternating Current Motors," in the Electrical Engineering Lecture Room. This lecture should be of special interest to Junior, Senior, and Graduate Students in the electrical course, as many questions of vital importance to the electrical engineer will be discussed.

Two more students in the E. E. course have decided to prepare theses, instead of presenting an equivalent amount of work. Joseph E. Murphy has chosen "A Study of Rates for Electrical Power at Hudson, Mass." Thomas J. Delaney will present "A Valuation of the Electrical Light and Power Plant of Hudson, Mass."

Prof. Albert S. Richey has been appointed consulting engineer for the Worcester Consolidated Street Railway Co. He is also acting in this capacity for the Springfield Street Railway Company, whose experts he recently assisted in re-routing the cars of the system.

Freshman Banquet

First Gathering of 1919 Well Attended

On Thursday evening of last week, the Freshman Class held its first banquet at the State Mutual Restaurant. At half-past six, one hundred and seven men sat down to what proved to be an excellent dinner.

After the preliminaries were over, the toast-master called on Lloyd to toast "The Class." Following the vice-president of the class, Merseles gave a witty speech as his toast or roast to "The Faculty." Next came Professor Adams, with all the eloquence in his power. The three following speeches were: "The Fair Sex," by Chace; "Knocks," by Welch; and "Our Future," by H. A. Whitney. Dr. Bonnet continued with some interesting recollections of experiences in Arizona. Following Munz on "Football," Knipping continuing in the same strain, spoke on "Track."

Lastly came the feature of the evening, the presentation of numerals by Dr. Long. Those who had won them were asked to rise and then were called to the front to receive this, their first recognition for service in the name of W. P. I.

During the evening a Freshman orchestra of eight men, with Reid as leader, enlivened the dinner with some fine selections.

MR. UNDERHILL TO SPEAK AT E. E. MEETING

At the next regular monthly meeting of the E. E. Society to be held Friday evening February 18th, Mr. C. R. Underhill, chief engineer with the Aeme Wire Co., will give a lecture on "Electro Magnets." Mr. Underhill is an authority on this subject and is the author of a treatise on Solenoids. The subject is one which will attract not merely students in the E. E. Department but everyone interested in engineering work.

PRESIDENT HOLLIS TO SPEAK

Worcester Branch A. S. of M. E. to Meet February 16

Plans are under way for a meeting of the Worcester Branch of the American Society of Mechanical Engineers, to be held in the Bancroft Hotel on February 16. President Hollis will be the chief speaker on this occasion. Invitations have been sent out to people in Worcester and surrounding towns who are interested in the work of the society.

Paul B. Morgan is chairman of the committee arranging for the banquet, and E. H. Reed is secretary. The other members are Prof. H. B. Fairfield, Carl F. Dietz of the Norton Co., and F. W. Parks of Fitchburg.

Tech vs. Princeton

Rifle Team Score 956

The rifle team shot an unofficial score of 956 last week in its match with Princeton. This is the highest score so far, but is still below the average of Class B teams. Wilder was high man with 194. The score:—

S. A. Wilder	97	97	194
E. B. Javrin	98	94	192
H. J. Reid	96	95	191
R. H. Taylor	96	94	190
C. S. Darling	94	95	189
	481	475	956

Those not qualifying:—R. C. Lewis 185, E. L. Bragdon 182, H. F. Banan 180, A. C. Fenn 177, Livermore 173.

BETTER SCORES RULE

The fifth rifle match was also shot off last week, the team raising its mark to 967. Good shooting by Bragdon, Wilder, and Livermore was responsible for the result. Tech's opponent in this match was the Oklahoma Agricultural College.

The scores follow:—

E. L. Bragdon	96	99	195
S. A. Wilder	97	98	195
W. T. Livermore	98	97	195
E. B. Javrin	97	95	192
H. F. Banan	97	93	190
	485	482	967

Those not qualifying were:—A. C. Fenn 190, R. C. Lewis 189, C. S. Darling 189, H. J. Reid 188, R. H. Taylor 184.

NEWS SUBSCRIPTIONS DUE

All subscribers to the News who have not paid their subscriptions for this year should pay their division collector at once.

CALENDAR

TUESDAY—5.00 p. m. Meeting of News Staff in Tech News Building.

WEDNESDAY—6.00 p. m. Friendship Committee meets in Highland Street Church.

5.00 p. m. Tech Show Rehearsal.

5.00 p. m. Mr. H. C. Hill speaks. E. E. Lecture Room.

FRIDAY—4.6 p. m. Rifle Match. W. P. I. vs. University of Wisconsin. Rifle Range.

SATURDAY—1.30 p. m. Show Rehearsals. Boynton Hall.

SUNDAY—4.6 p. m. President and Mrs. Hollis hold open house to all students. 3.00 p. m. Tech Show Rehearsals. Boynton Hall.

TECH NEWS

Published every Tuesday of the School Year by

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All checks should be made payable to the Business Manager.

The Tech News welcomes communications but does not hold itself responsible for the opinions therein expressed.

All material should be in before Thursday noon at the latest in order to have it appear in the week's issue.

Entered as second class matter, September 21, 1910, at the postoffice at Worcester, Mass., under the Act of March 3d, 1879.

All communications should be addressed to Tech News, Worcester Polytechnic Institute

THE DAVIS PRESS

FEBRUARY 8, 1916.

This issue has been in charge of
Associate Editor H. S. Cushman.

BOOST TECH

Editorials

The Y. M. C. A. did the school a service last week when it brought Dr. Exner here to speak to Tech men. Dr. Exner is a most rational speaker on his subject, and comparatively large attendance at his lectures was gratifying.

President and Mrs. Hollis are still holding informal receptions to the students between four and six o'clock on Sunday afternoons. Students who have never availed themselves of the opportunity to meet the president and his wife in their home would do well to become acquainted with the social life offered there.

AN OPPORTUNITY FOR TECH MEN

The student body at Tech is not always alert, is not awake to the opportunities that it has. This may be because we do not care about matters outside of our studies or it may be that we have no time or energy left after our school work has been done. However that may be there is coming to Tech men on Feb. 18-21 an opportunity that they cannot afford to miss. On those days the student body will be addressed by a man who has been on a speaking tour around the world with the Men and Religion Forward Movement; who has fought vice in the seventeenth ward of Chicago for over fifteen years; and who has had a fundamental share in the settlement of labor difficulties of the country. When Raymond Robins announced that he would give a year to the college movement, one hundred and fifty colleges invited him address them. W. P. I. was one of fifty who were fortunate to get him. Wherever he has been, college presidents, faculty and students are enthusiastic over his work. In view of these facts every Tech man owes it to himself and to the school to attend Robins' first meeting and show that Tech is awake.

PHYSICAL TRAINING

A subject which is receiving considerable attention at present is that of compulsory physical training in the new gymnasium which the Alumni have so generously provided for us. It would seem that physical training under a competent supervisor should be made a part of the curriculum of students during their freshman year. Here at the Institute far too few men take an active enough part in athletics for the latter to raise the general standard of physical well being and it can be confidently expected that the discipline thus instilled in a man during his first year here, will not only do its part in raising the general standard of well-being, but will create in the men a desire to continue to work regularly in the "gym" during the remainder of their course, even though it is not made obligatory. That this can be done without decreasing the amount of regular work expected of the men is without question; the gymnasium work will not only be of aid in keeping men in better condition to pursue their studies, but will form a pleasant diversion for many to whom the benefits of athletics would not ordinarily come.

NUMERALS

The presentation of insignia to the freshmen at their banquet last week marked the first recognition these men received for their services at Tech. May many of these men be worthy to receive the "W" of some major sport.

H. W. Carter, Class of '86, entertained ten classmates at dinner at the Hotel Bancroft on the evening of January 28. Following the dinner the party attended the lecture on Coast Defense by Percy Barbour.



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THESIS SUBJECTS FOR THE CIVILS

This week the subjects for thesis were assigned to the senior civils. Several of the men have taken hydraulic subjects under the M. E. department. The assignments are as follows:—

D. K. Beach, "Concrete Form Construction."

C. H. Burgess, V. B. Libby, "Variation in Pressure Head across Pipe Line."

H. A. Cleveland, "Reinforced Concrete Flat Slab."

H. N. Eaton, "Reinforced Concrete Highway Bridge."

R. D. Horne, P. A. Perrin, "System of Triangulation for Worcester."

G. M. Ireland, "Design of a Reinforced Concrete Arch."

M. B. Phipps, "Design of a Steel Grandstand."

W. H. Pike, "Design of a Steel Deck Highway Bridge."

R. L. Spaulding, H. M. Toombs, "Comparative Tests of Current Meters."

C. A. Stone, "Cost of Distance Grade and Curvature in Railroad Construction."

C. L. Storms, E. A. Varney, "Leveling System of Bench Marks for Worcester."

R. W. Young, "Steel Frame Mill Building."

FIGURES

At this time in the school year, when mid-years are past, it is interesting to note how many of those who started the year have been able to "stick."

The catalogue showed a total registration of 543. Besides this number, there were five late registrations making a grand total of 548. At the present time, the registration is 502. So we see that forty-six have been forced to withdraw for one or another of the usual reasons, although it must be stated that sickness has been responsible for an unusually large number this year.

These figures are not intended to discourage—but to emphasize the fact, that here as elsewhere in life it is a case of the survival of the fittest. W. P. I. has a high standard to live up to, and consequently a man to receive his degree must be tried and found true.

COSMOPOLITAN CLUB ELECTIONS

On Monday evening, January 31, the Worcester Tech Cosmopolitan Club held its election of officers for the second term of 1916. The following officers were elected: President, M. W. Tucker '16; Vice-President, Dick Wong '17; Recording Secretary, Simon Collier '16; Corresponding Secretary, W. B. Jones '16; Treasurer, H. S. White '17.

At this meeting, plans were discussed whereby the club could make its cosmopolitan life more effective. Talks by capable men on cosmopolitan subjects were discussed, also tentative plans were laid for a social evening in which the international idea of cosmopolitanism could be set forth. An informal discussion of the social and political conditions in China was indulged in, in which interesting facts and conditions were presented by Mr. K. Y. Mok.

An article by Dr. Calhane and H. A. Lavene, '15, appears in the Feb. 15 issue of "Metallurgical and Chemical Engineering." The paper describes and illustrates a new type of electric furnace for heating substances under pressure in sealed tubes. The furnace was designed and built by Mr. Lavene as thesis work.

SECOND RIFLE MATCH

The results of the second rifle match were received from Washington last week. Tech was matched against no opponent in the second contest, but the score will go toward the total score of the season, which will determine the final standing of the teams this year instead of the number of victories. The unofficial score of 951 was raised two points by the official scorers, but Tech is still near the bottom of the list of Class B teams. The scores follow:—

University of Michigan 984, vs. Yale 968; University of Idaho 976, vs. Princeton 974; Notre Dame 973, vs. University of Maine 962; Kansas "Aggies" 966 vs. University of Nebraska 956; University of Wisconsin 961, vs. University of Arizona defaulted; W. P. I. 953 (no opponent); Mississippi Agri. and Mich. College 938, vs. Oklahoma Agri. and Mich. College 919.

FRIENDSHIP COMMITTEE MEETS

Last Wednesday evening the Friendship Committee of the Y. M. C. A. held its weekly supper and meeting with about thirty men present. Members were addressed by Clarence P. Shedd, State Student Secretary and Dr. M. J. Exner who has been addressing the student body. Both men spoke on the preparation necessary for Robins' visit.

To-morrow the committee will meet as usual at 6 p. m. in the Church, corner of Highland and West Streets. Several of the alumni, faculty and instructors will address the committee, among them being Edward F. Miner '87, of the Y. M. C. A. Advisory Board; Prof. Coombs, also of the advisory board, and Dr. Daniels.

JUNIOR CLASS ELECTIONS

At a class meeting held last Tuesday, G. M. Pomeroy was elected president of the Junior Class for the ensuing term. The other officers chosen were Haynes Quimby, vice president; R. H. Smith, secretary; and C. W. Kennedy, Junior member of the Tech Council. The ballot for treasurer resulted in no choice, so this was carried over until Friday. At this time P. C. Pray was elected treasurer. A committee composed of P. C. Pray, A. C. Willard and W. F. Duffy was appointed to revise the present constitution to more nearly accord with the model constitution prepared by the Tech Council.

E. R. Taylor '12 has just joined the ranks of the Benedicts, February 5. Mr. Taylor was married to Miss Myrtle Coxey of Salt Lake City in Cleveland, Ohio. Mr. Taylor is the son of Mr. and Mrs. E. B. Taylor of 65 Downing St., Worcester.

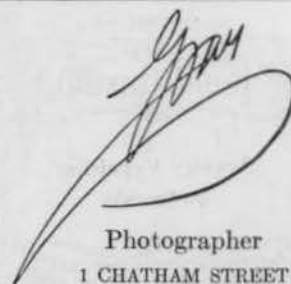
EXCHANGE NOTES

University of Texas has adopted a rule which allows editors of a college publications to receive gold, silver, and bronze medals.

A swimming pool to cost approximately \$14,000 is being projected at Harvard. Chinese students at M. I. T. recently gave a "Chinese Night" at the M. I. T. Union. Interesting numbers were the "stunt" speeches and the shuttlecock games.

The Blanket Tax committee at M. I. T. has thus far collected \$1,500 from 575 men.

Cornell is to have a semi-centennial in 1918. One of the events will be an unveiling of the statue of Ezra Cornell.



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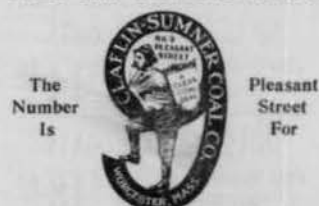
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LECTURES BY DR. EXNER

The two days that Dr. M. J. Exner, the Sex Hygiene Expert of the International Committee of the Y. M. C. A. spent at Tech were very full ones.

His first address to the students, on "The Young Man's Problem," was at 5 p. m. on Tuesday in the E. E. Hall. From there he went to the S. A. E. Fraternity where he was entertained at dinner. Then at 7 p. m. he spoke in the M. E. Lecture Room to the seniors on "Marriage."

Wednesday, until the afternoon meeting, was spent in personal interviews with those who cared to consult him. At 5 p. m. he spoke on "A Rational Fight for Self Mastery," in F. E. Hall. Afterwards he was entertained at dinner at the Delta Tau Fraternity, speaking a few minutes here. Then he went to the meeting of the Friendship Committee in the Highland Street Church, where he spoke concerning the "Robins Campaign." This ended his series of talks. Dr. Exner was recognized by all who heard him not only as an expert on his very difficult subject, but also as a man talking straight from the shoulder in presenting his views.

WIRELESS CLUB MEETING

At a recent meeting of the Wireless Club the following officers were elected for the semester:— W. B. Burgess, Hyde Park, president; W. H. Colburn, Athol, Vice-president; H. C. Humphery, Tiverton, R. I., secretary; A. D. McKerron, Newtonville, treasurer.

The Club has just received the license for its station which entitles it to send messages of any wave length except those between 600 and 1600 meters. This kind of license is granted only to technical schools.

As only licensed men can use the station the club is considering conducting a series of lectures instructing the men in wireless telegraphy so that they may pass the government examinations. These lectures would be given by the members of the club who already have a good working knowledge of wireless. All men who would be interested in these proposed lectures, should notify the club secretary, H. C. Humphery, '17.

INTERFRATERNITY COUNCIL

The Interfraternity Council, which was organized last June, has continued to gain impetus all Fall, and is now in a position to formulate definite plans. The council is composed of representatives from each fraternity and two members chosen by the faculty, the latter being Dr. Bullard and Prof. H. B. Smith. The purpose of the council is to promote a greater feeling of good fellowship between the fraternities themselves and to further a closer relationship between the faculty and the fraternities.

Plans for a scholarship contest are under way at present. This it is hoped will be the means of raising the standard of scholarship by promoting a spirit of rivalry among the several fraternities.

MR. E. H. MARTINDALE SPEAKS

Yesterday afternoon Mr. E. H. Martindale of the National Carbon Co. spoke to the E. E. students on "Common Causes of Trouble in the Operation of Carbon Brushes on Motors and Generators." Mr. Martindale's talk was very instructive and was well attended.

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